

# Systems and software week 2009

	12 Oct Monday		13 Oct Tuesday		14 Oct Wednesday		15 Oct Thursday	
	Room A	Room B	Room A	Room B	Room A	Room B	Room A	Room B
08.00	Time for arrival				SWK1 Keynote			
09.00								
10.00	BREAK							
		Opening	Opening	Tutorial E301	SW1		Th1	
11.00	SWIFT	MK1 Keynote	SEW STu1 STu2	SWIFT	SEW SW2 SW3		OSW Th2 ThD1 Closing	
12.00	Lunch							
13.00								
		M1	STu3	SWIFT Tu3	SW4	W1		
14.00	SWIFT	M2 M3	SEW STu4 STu5	SWIFT Tu4 Tu5	SEW SW5 SW6	OSW W2		
15.00	BREAK							
		M4	STu6	Tu6	SW7	W3		
16.00	SWIFT	M5 M6	SEW STu7 STu8	SWIFT Tu7 Tu8	SEW SW8 SW9	OSW WP1 W4		
17.00	SASW	Icebreaker in Building D	SEW Reserve	SWIFT Reserve /Closing	SEW Closing	OSW Reserve		
18.00								
19.00			SASW Reception at Scandic Hotel Billingen		SASW Dinner at Restaurant Parnassen			

**SWIFT 2009**

<b>MK1</b>	Keynote: "Probabilistic Ontologies for High-Level Fusion in a Net-Centric Environment" by Kathryn Blackmond Laskey
	<b>High-level Fusion I</b>
<b>M1</b>	"Combining multi-sensor fusion and information fusion for increased situation awareness: a research plan" Martin Holmberg and Pontus Svenson
<b>M2</b>	"Towards the Implementation of an Ontology-Based Reasoning System for Visual Information Fusion", Juan Gómez-Romero, Jesús García, Miguel A. Patricio and José M. Molina
<b>M3</b>	"Evolving Petri Net Situation Templates for Situation Recognition", Anders Dahlbom and Lars Niklasson
	<b>High-level Fusion II</b>
<b>M4</b>	"Pattern Recognition Using Queries in Relational Tracking Data Bases", Gereon Schüller, Wolfgang Koch and Joachim Biermann
<b>M5</b>	"Ontological Association in the Ground Target Domain", Jenny Lagerlöf, Egils Sviestins, and Klas Wallenius
<b>M6</b>	"Explanation Methods for Bayesian Networks: review and application to a maritime scenario", Tove Helldin and Maria Riveiro
	<b>User issues</b>
<b>Tu1</b>	"Experts' Views on User Activities in Information Fusion System Development Processes", Maria Nilsson and Joeri van Laere
<b>Tu2</b>	"Challenges in Tactical Support Functions for Fighter Aircraft", Tina Erlandsson, Sören Molander, Jens Alfredson, Per-Johan Nordlund
	<b>Chemoinformatics</b>
<b>Tu3</b>	"Generating Comprehensible QSAR Models", Cecilia Sönströd, Ulf Johansson and Ulf Norinder
<b>Tu4</b>	"Evaluating Ensembles on QSAR Classification", Ulf Johansson, Tuve Löfström and Ulf Norinder
<b>Tu5</b>	"Names of chemical compounds within drug discovery context", Elzbieta Dura, Ola Engkvist and Sorel Muresan
	<b>Applications</b>
<b>Tu6</b>	"Utilizing Information on Uncertainty for In Silico Modeling using Random Forests", Henrik Boström and Ulf Norinder
<b>Tu7</b>	"An empirical investigation of the static weapon-target allocation problem", Fredrik Johansson and Göran Falkman
<b>Tu8</b>	"Comparative study of evidential reasoning schemes for fusing ESM reports under varying sensor uncertainty and fusion unreliability", Pierre Valin, Pascal Djiknavorian, Eloi Bossé and Dominic Grenier

**OSW 2009**

<b>W1</b>	Invited presentation: "High Performance Computing and Open Source Abstract" by E. Lönroth, Linux expert, Scania Infomate
<b>W2</b>	Paper 1: "An Onion is not Enough - Living in the Multi-onion World" by T. J. Heinimäki and T. Aaltonen
<b>W3</b>	Paper 2: How to kill an Open Source Community? by S. Ribas and M. Cezon
<b>WP1</b>	Panel: Exploring company involvement in OSS communities: Experiences from Nordic projects OSA and OSCOMM
<b>W4</b>	Paper 3: "Social Network Analysis of the Nagios Community" by J. Gamalielsson, G. Lundell, and B. Lings
<b>ThK1</b>	Keynote: "Open Source at the Premium Pension Authority of Sweden" by L. Wahlund, IT architect, PPM
<b>Th1</b>	Paper 4: "My Summer As a Mole: Evaluating an Open Source Community via Participation" by S. Mikkonen, T. Kilamo and T. Mikkonen
<b>Th2</b>	Paper 5: "Open Source for Process Control in Production Systems - Realizing its potential through a demonstrator" by B. Lundell, A. Syberfeldt, and R. Karlsson
<b>ThD1</b>	Open discussion: Revisiting the 10 Myths About OSS

### Software Requirements and Modeling

<b>STu1</b>	"A Method Based on Petri Nets for Identification of Aspects" by V. Abdelzad, F. Shams Aliee
<b>STu2</b>	"A realistic modeling of real-time systems for efficient scheduling" by C. Fotsing, A. Geniet, G. Vidal-Naquet

### Software Architectures

<b>STu3</b>	"Co-Design of the Business and Software Architectures: A Systems Engineering and Model-Driven Method" by X. Cui
<b>STu4</b>	"An Adaptative Framework Architecture for RFID Applications" by L. Amaral, F. Hessel, E. Bezerra, J. Corrêa, O. Longhi, T. Dias
<b>STu5</b>	"Modularization of Crosscutting Concerns in Multi Agent Systems" by J. Filho, R.Choren, K. Breitman

### Software Engineering Management

<b>STu6</b>	"Model-Based Engineering of Software: Three Productivity Perspectives" by S. Bohner, S. Mohan
<b>STu7</b>	"Is Evidence Based Software Engineering mature enough for Practice & Policy?" by D. Budgen, P. Brereton, B. Kitchenham
<b>STu8</b>	"A Study Case about a Software Project Management Success Metrics" by R. Lacerda, S. Ensslin, L. Ensslin

**SWK1** Keynote: Roy Sterritt – University of Ulster – Northern Ireland

### Change Management and Testing

<b>SW1</b>	"Towards Specification and Refinement of Contracts with Environment Changes " by Q. Li, H. Zhu
<b>SW2</b>	"JaBUTiService: A Web Service for Structural Testing of Java Programs" by M. Eler, A. Endo, P. C. Masiero, M. E. Delamaro, J.C. Maldonado, A. Vincenzi, M. Chaim, D. Medeiros. D. Beder
<b>SW3</b>	"Using Business Processes in System Requirements Definition" by E.Carvalho, T. Escovedo, R. Melo

### Formal Methods in Software Engineering Practice

<b>SW4</b>	"Complexity Reduction in Developing Autonomic Systems with ASSL" by E. Vassey, M. Hinchey
<b>SW5</b>	"Towards an Alloy Formal Model for Flexible Advanced Transactional Model Development" by B. Galina, N. Guelfi, e P. Kelsen
<b>SW6</b>	"Animating the Link between Operational Semantics and Algebraic Semantics for a Probabilistic Timed Shared-Variable Language " by H. Zhu, J. Sanders, J. Bowen, J. He, F.Yang
<b>SW7</b>	"Decentralized Reasoning in Ambient Intelligence" by J. Viterbo, M. Endler
<b>SW8</b>	"Automatic Classification of Software Change Request Using Multi-Label Machine Learning Methods" by S. Ahsan, , J. Ferzund, F. Wotawa
<b>SW9</b>	"Data Warehousing in an Industrial Software Development Environment" by M. Colaço, M. Mendonça e F. Rodrigues